In the claims:

1. (currently amended) A computer-readable medium encoded with a program product for use in a first fixed-location device capable of communicating in a wireless communications environment via a radio frequency channel, the program product comprising a computer readable medium having embodied therein a computer program for storing data, the computer program comprising:

logic for detecting that a second fixed-location device is also using the radio frequency channel; and

logic operating in response to the detecting logic for adjusting transmit power to decrease interference with the second fixed-location device.

2. (currently amended) The computer-readable medium encoded with a program product of claim 1 wherein the logic for adjusting transmit power does so in response to a message received from the second fixed-location device, the message indicating the power level of the second fixed-location device.

3. (currently amended) A computer-readable medium encoded with a program product for use in a first fixed-location device capable of communicating in a wireless communications environment via a radio frequency channel, the program product comprising a computer readable medium having embodied therein a computer program for storing data, the computer program comprising:

logic for detecting that a second fixed-location device is also using the radio frequency channel;

logic <u>operating in response to the detecting logic</u> for adjusting transmit power to decrease interference with the second fixed-location device in response to a message received from the second fixed-location device, the message indicating the power level of the second fixed-location device.

4. (currently amended) A <u>computer-readable medium encoded with a</u> program product for use in a first fixed-location device capable of communicating in a wireless communications environment via a radio frequency channel, the program product comprising a computer readable medium having embodied therein a computer program for storing data, the computer program comprising:

logic for maintaining a known devices table, wherein the known devices table includes an entry for each other fixed-location device operating on the radio frequency channel, and wherein for each entry, a backoff value is recorded for each other fixed-location device, the backoff value for each fixed-location device indicative of an amount that the fixed-location device's power has been adjusted;

logic for setting the transmit power of the first fixed-location device to a level equivalent to maximum transmit power minus the maximum of the backoff values recorded for each other fixed-location device.

5. (currently amended) The <u>computer-readable medium encoded with a</u> program product of claim 4 further comprising:

logic for transmitting a backoff value indicative of the amount by which the first fixed-location device has adjusted its power.